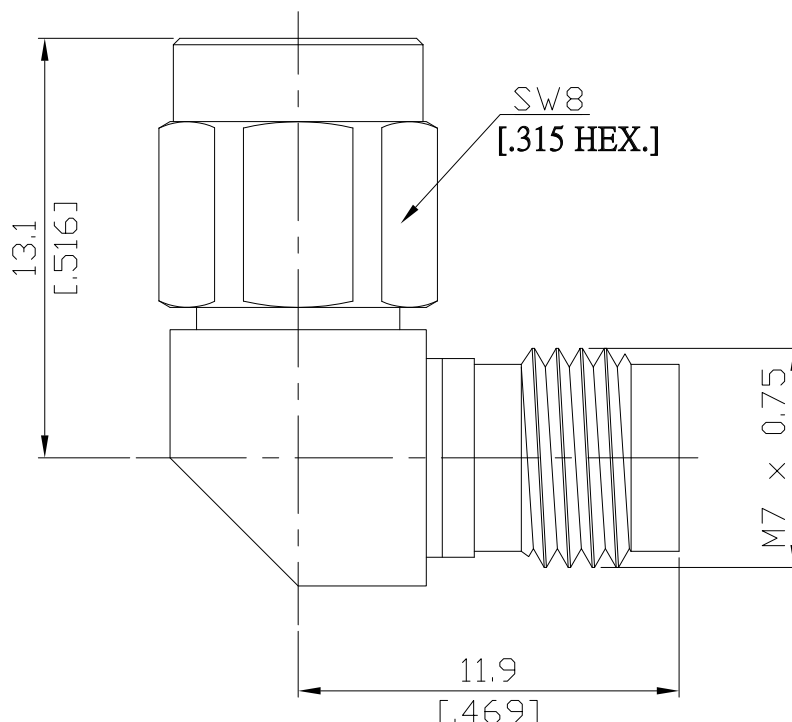


2.92mm plug (male) to 2.4mm jack (female) L-adaptor
DC-40GHz VSWR1.25

ASL-K1Q25A / 9XX-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

2.92mm according to

IEC 61169-35

2.4mm according to

IEC 61169-40

Electrical Data

Impedance

50 Ω

Frequency

DC to 40 GHz

VSWR (Return Loss)

≥ 1.25 (≥ 19.08 dB)

Insertion Loss

≤ 0.05 × √F (GHz) dB

Insulation resistance

≥ 5 GΩ

Test voltage

500 V rms

Working voltage

150 V rms

RF-leakage

≥ 100 dB up to 1 GHz

Material And Plating

Piece Parts (2.92mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Stainless Steel	Passivated
Insulator	PS	
Coupling nut	Stainless Steel	Passivated
Piece Parts (2.4mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Stainless Steel	Passivated
Insulator	PS	

2.92mm plug (male) to 2.4mm jack (female) L-adaptor
DC-40GHz VSWR1.25

ASL-K1Q25A / 9XX-9X

Mechanical Data

	2.92mm side	2.4mm side
Coupling mechanisms	Screw-lock	Screw-lock
Mating cycles	≥ 500	≥ 500
Center contact captivation	≥ 20 N	≥ 20 N
Coupling test torque	1.70 Nm	max. 1.65 Nm
Recommended torque	0.80 Nm to 1.10 Nm	0.80 Nm to 1.10 Nm

Environmental Data

Temperature Range	-40°C to +85°C
Thermal shock	MIL-STD-202, Meth. 107, Cond. B
Corrosion	MIL-STD-202, Meth. 101, Cond. B
Vibration	MIL-STD-202, Meth. 204, Cond. D
Shock	MIL-STD-202, Meth. 213, Cond. I
Moisture resistance	MIL-STD-202, Meth. 106
RoHS	compliant

Packing

Single or 100